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all their leaflets drooping as at night. How long they may have been in this condition before being noticed is not known, but they continued in that "sleeping" condition till this date (November 7), the others having gone through their motions daily till now. During the last few days, however, the thermometer having once been nearly down to freezing point, only the two or three upper pinnules on the leaves have retained the power to move. The paralyzed leaves were in every respect as healthy looking as the others, but they were, all three, somewhat smaller. If these had been all together at the lower or upper end of the branch, the peculiarity might have been referred to some cause connected with maturity; but the first paralyzed leaf was the third from the top, the next the fifth, and the other the sixth; that is to say, there were leaves with perfect motile functions above and below these, as well as one among the three. Though for the six weeks, at least, they had lost the power of motion, the color and general healthy appearance of the leaves were precisely the same as the others. There was no difference whatever except in the length of the common petiole and size of the leaves. They were about three-fourths the ordinary size. The upward movement of the pinnules in this species is confined to those exposed to the sunlight; those shaded by even their own foliage have not the power.

Mr. Meehan had previously called the attention of the Academy to the fact that a large number of plants draw the upper surface of the leaf together in bright light, as illustrations of which he mentioned now: *Halesia tetraptera*, *Cornus florida*, *Cornus mas* and *Magnolia acuminata*.

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NOVEMBER 15.

The President, Dr. RUSCHENBERGER, in the chair.

Thirty-one persons present.

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NOVEMBER 22.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty-nine persons present.

A paper entitled "On a fœtal Kangaroo and its Membranes," by Henry C. Chapman, M. D., was presented for publication.

The death of the Rev. Z. M. Humphrey, a correspondent, was announced.